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WITCHABLE GLASS TO SHOW OR HIDE MECHANISM DISPLAY ON DEMAND

Axel Unger
Bertrandt Ingenieurbüro GmbH

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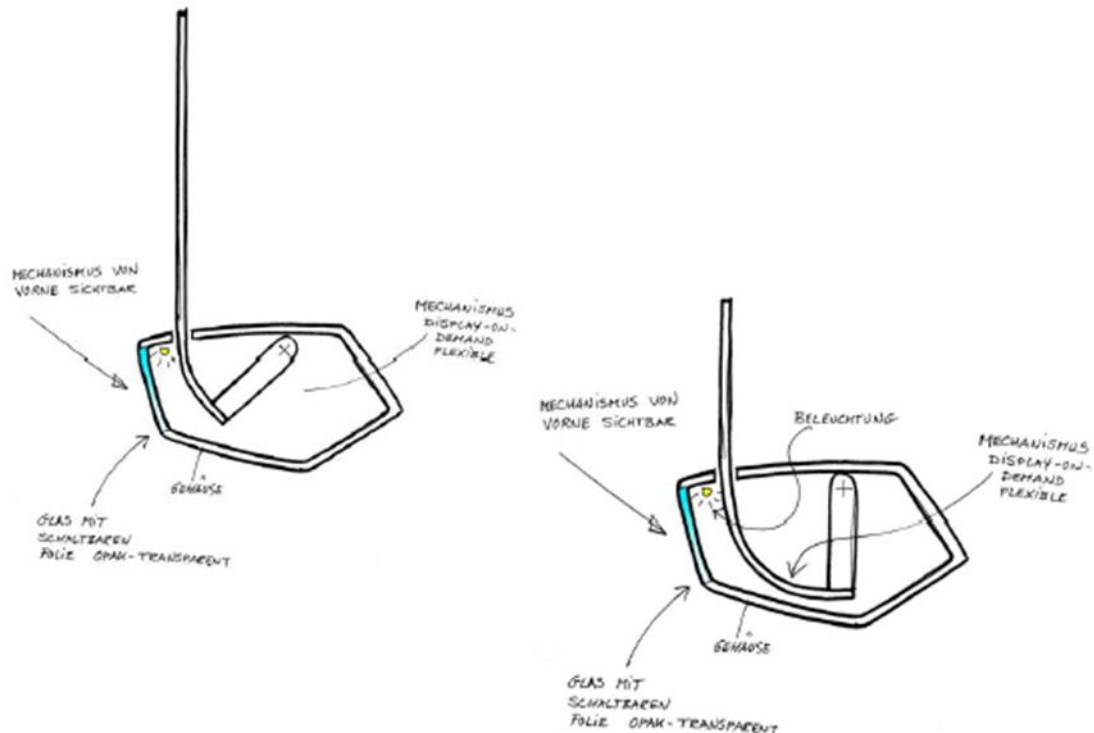
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SWITCHABLE GLASS TO SHOW OR HIDE MECHANISM DISPLAY-ON-DEMAND

Technical task:

There is a retractable display in the vehicle. This display can be extended to several heights.



On the left, the display is extended, on the right it is retracted.

The mechanism is usually hidden behind trim parts. This is a pity, because it is a beautiful mechanism that impresses people and it would be nice to show it.

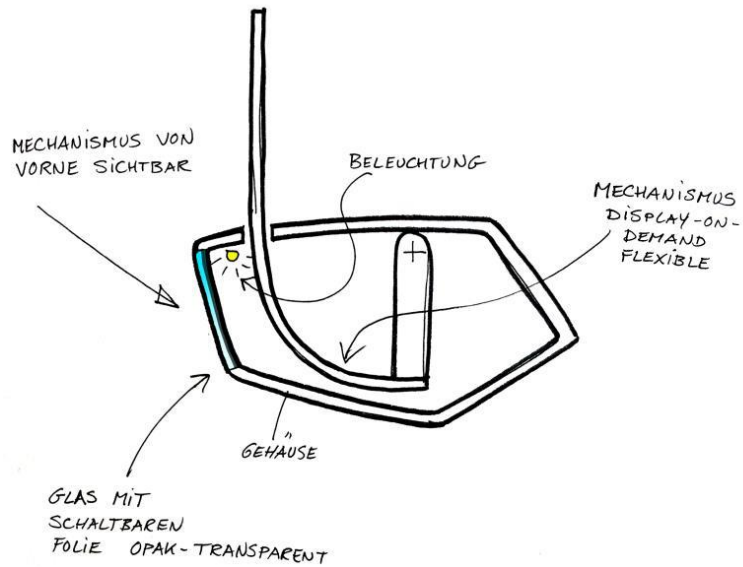
Disadvantage:

Not feasible for the series production

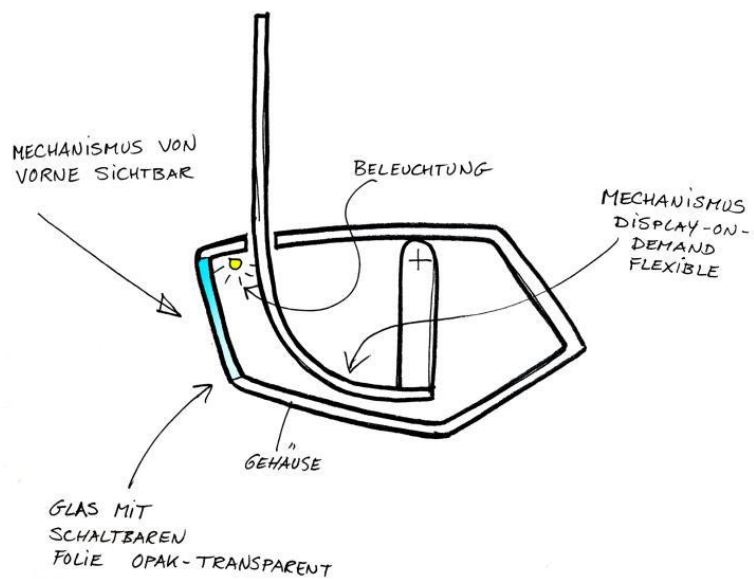
Solution:

The idea is that there is a window with switchable glass (e.g. with a PDLC film) that can be switched either transparent or opaque. So the mechanism can either be visible or not.

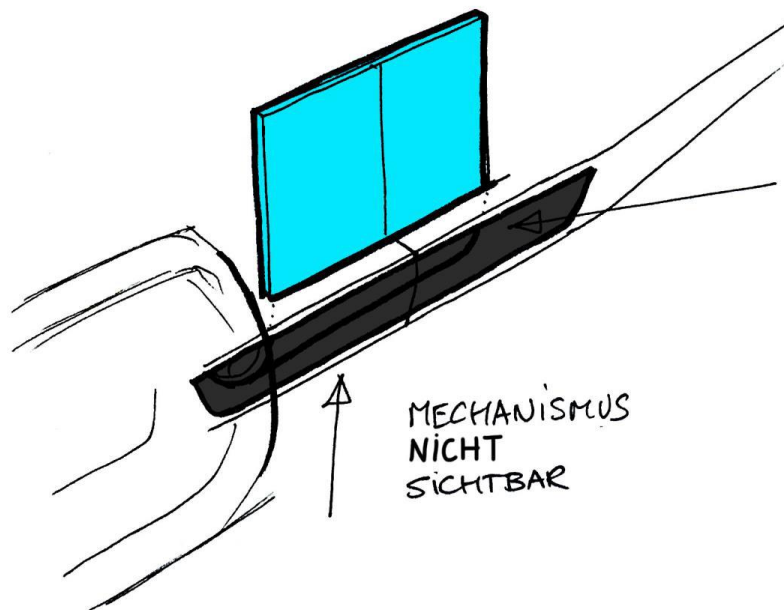
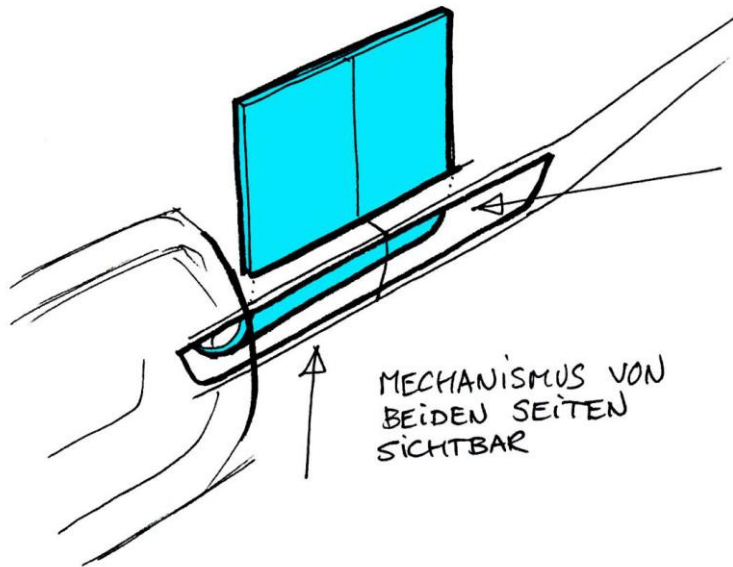
The part from the display that is retracted can glow when the glass is switched to transparent. This way the mechanism is more visible and you don't need extra lighting. When the glass is set to opaque, the part of the display that is not visible is turned off.



Here the glass is opaque.



Here the glass is transparent and the mechanism is visible.



Advantages:

- - The view on the mechanism is possible if you want to see it
- - "Vorsprung durch Technik" can be shown
- - Staging and joy-of-use